

A DOCPHOENIX

**STIC INTERNAL**

CRFD  
Computer Readable Form Defective

CRFE 13  
Computer Readable Form "ENTERED"

**TC INTERNAL**

SEQREQ  
Sequence Problem Att. From Exr.

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/534,082A  
Source: PCP  
Date Processed by STIC: 8/15/06

***ENTERED***

## **CRF Errors Edited by the STIC Systems Branch**

Serial Number: 10/534,082A

CRF Edit Date: 8/15/06  
Edited by: M

- Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

1

- Corrected the SEQ ID NO. Sequence numbers edited were:

3

- Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

- Deleted: \_\_\_ invalid beginning/end-of-file text ; \_\_\_ page numbers

- Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

- Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

- Other:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,082A

DATE: 08/15/2006

TIME: 13:18:45

Input Set : A:\PTO.AMC.txt  
 Output Set: N:\CRF4\08152006\J534082A.raw

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3 <110> APPLICANT: HINUMA, Shuji
4      KOBAYASHI, Makoto
5      HABATA, Yugo
6      HARADA, Masataka
7      OKUBO, Shoichi
8      YOSHIDA, Hiromi
9      NISHI, Kazunori
12 <120> TITLE OF INVENTION: A Novel Ligand For FPRL1 And Its Use
14 <130> FILE REFERENCE: 3118 US0P
16 <140> CURRENT APPLICATION NUMBER: US/10/534,082A
17 <141> CURRENT FILING DATE: 2005-05-05
19 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/014138
20 <151> PRIOR FILING DATE: 2003-11-06
22 <150> PRIOR APPLICATION NUMBER: JP 2002-324189
23 <151> PRIOR FILING DATE: 2002-11-07
25 <150> PRIOR APPLICATION NUMBER: JP 2002-367119
26 <151> PRIOR FILING DATE: 2002-12-18
28 <150> PRIOR APPLICATION NUMBER: JP 2003-59073
29 <151> PRIOR FILING DATE: 2003-03-05
31 <150> PRIOR APPLICATION NUMBER: JP 2003-191359
32 <151> PRIOR FILING DATE: 2003-07-03
34 <150> PRIOR APPLICATION NUMBER: PCT/JP03/14138
35 <151> PRIOR FILING DATE: 2003-11-06
37 <160> NUMBER OF SEQ ID NOS: 24
39 <210> SEQ ID NO: 1
40 <211> LENGTH: 13
41 <212> TYPE: PRT
42 <213> ORGANISM: Porcine
44 <400> SEQUENCE: 1
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46      1           5           10
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50 <211> LENGTH: 351
51 <212> TYPE: PRT
52 <213> ORGANISM: Homo sapiens
54 <400> SEQUENCE: 2
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57      1           5           10           15
58 Tyr Glu Ser Ala Gly Tyr Thr Val Leu Arg Ile Leu Pro Leu Val Val
59      20          25           30
60 Leu Gly Val Thr Phe Val Leu Gly Val Leu Gly Asn Gly Leu Val Ile
61      35          40           45
62 Trp Val Ala Gly Phe Arg Met Thr Arg Thr Val Thr Ile Cys Tyr

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,082A

DATE: 08/15/2006

TIME: 13:18:45

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08152006\J534082A.raw

69	50	55	60	
72	Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr Ala Thr Leu Pro Phe			
73	65	70	75	80
76	Leu Ile Val Ser Met Ala Met Gly Glu Lys Trp Pro Phe Gly Trp Phe			
77	85	90	95	
80	Leu Cys Lys Leu Ile His Ile Val Val Asp Ile Asn Leu Phe Gly Ser			
81	100	105	110	
84	Val Phe Leu Ile Gly Phe Ile Ala Leu Asp Arg Cys Ile Cys Val Leu			
85	115	120	125	
88	His Pro Val Trp Ala Gln Asn His Arg Thr Val Ser Leu Ala Met Lys			
89	130	135	140	
92	Val Ile Val Gly Pro Trp Ile Leu Ala Leu Val Leu Thr Leu Pro Val			
93	145	150	155	160
96	Phe Leu Phe Leu Thr Thr Val Thr Ile Pro Asn Gly Asp Thr Tyr Cys			
97	165	170	175	
100	Thr Phe Asn Phe Ala Ser Trp Gly Gly Thr Pro Glu Glu Arg Leu Lys			
101	180	185	190	
104	Val Ala Ile Thr Met Leu Thr Ala Arg Gly Ile Ile Arg Phe Val Ile			
105	195	200	205	
108	Gly Phe Ser Leu Pro Met Ser Ile Val Ala Ile Cys Tyr Gly Leu Ile			
109	210	215	220	
112	Ala Ala Lys Ile His Lys Lys Gly Met Ile Lys Ser Ser Arg Pro Leu			
113	225	230	235	240
116	Arg Val Leu Thr Ala Val Val Ala Ser Phe Phe Ile Cys Trp Phe Pro			
117	245	250	255	
120	Phe Gln Leu Val Ala Leu Leu Gly Thr Val Trp Leu Lys Glu Met Leu			
121	260	265	270	
124	Phe Tyr Gly Lys Tyr Lys Ile Ile Asp Ile Leu Val Asn Pro Thr Ser			
125	275	280	285	
128	Ser Leu Ala Phe Phe Asn Ser Cys Leu Asn Pro Met Leu Tyr Val Phe			
129	290	295	300	
132	Val Gly Gln Asp Phe Arg Glu Arg Leu Ile His Ser Leu Pro Thr Ser			
133	305	310	315	320
136	Leu Glu Arg Ala Leu Ser Glu Asp Ser Ala Pro Thr Asn Asp Thr Ala			
137	325	330	335	
140	Ala Asn Ser Ala Ser Pro Pro Ala Glu Thr Glu Leu Gln Ala Met			
141	340	345	350	
143	<210> SEQ ID NO: 3			
144	<211> LENGTH: 1053			
145	<212> TYPE: DNA			
146	<213> ORGANISM: Homo sapiens			
149	<220> FEATURE:			
150	<221> NAME/KEY: CDS			
151	<222> LOCATION: (1)..(1053)			
154	<400> SEQUENCE: 3			
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156	Met Glu Thr Asn Phe Ser Thr Pro Leu Asn Glu Tyr Glu Glu Val Ser			
157	1 5 10 15			
159	tat gag tct gct ggc tac act gtt ctg cgg atc ctc cca ttg gtg gtg			96

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,082A

DATE: 08/15/2006

TIME: 13:18:45

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08152006\J534082A.raw

160	Tyr Glu Ser Ala Gly Tyr Thr Val Leu Arg Ile Leu Pro Leu Val Val			
161	20	25	30	
163	ctt ggg gtc acc ttt gtc ctc ggg gtc ctg ggc aat ggg ctt gtg atc	144		
164	Leu Gly Val Thr Phe Val Leu Gly Val Leu Gly Asn Gly Leu Val Ile			
165	35	40	45	
167	tgg gtg gct gga ttc cgg atg aca cgc aca gtc acc acc atc tgt tac	192		
168	Trp Val Ala Gly Phe Arg Met Thr Arg Thr Val Thr Thr Ile Cys Tyr			
169	50	55	60	
171	ctg aac ctg gcc ctg gct gac ttt tct ttc acg gcc aca tta cca ttc	240		
172	Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr Ala Thr Leu Pro Phe			
173	65	70	75	80
175	ctc att gtc tcc atg gcc atg gga gaa aaa tgg cct ttt ggc tgg ttc	288		
176	Leu Ile Val Ser Met Ala Met Gly Glu Lys Trp Pro Phe Gly Trp Phe			
177	85	90	95	
179	ctg tgt aag tta att cac atc gtg gtg gac atc aac ctc ttt gga agt	336		
180	Leu Cys Lys Leu Ile His Ile Val Val Asp Ile Asn Leu Phe Gly Ser			
181	100	105	110	
183	gtc ttc ttg att ggt ttc att gca ctg gac cgc tgc att tgt gtc ctg	384		
184	Val Phe Leu Ile Gly Phe Ile Ala Leu Asp Arg Cys Ile Cys Val Leu			
185	115	120	125	
187	cat cca gtc tgg gcc cag aac cac cgc act gtg agt ctg gcc atg aag	432		
188	His Pro Val Trp Ala Gln Asn His Arg Thr Val Ser Leu Ala Met Lys			
189	130	135	140	
191	gtg atc gtc gga cct tgg att ctt gct cta gtc ctt acc ttg cca gtt	480		
192	Val Ile Val Gly Pro Trp Ile Leu Ala Leu Val Leu Thr Leu Pro Val			
193	145	150	155	160
195	ttc ctc ttt ttg act aca gta act att cca aat ggg gac aca tac tgt	528		
196	Phe Leu Phe Leu Thr Thr Val Thr Ile Pro Asn Gly Asp Thr Tyr Cys			
197	165	170	175	
199	act ttc aac ttt gca tcc tgg ggt ggc acc cct gag gag agg ctg aag	576		
200	Thr Phe Asn Phe Ala Ser Trp Gly Gly Thr Pro Glu Glu Arg Leu Lys			
201	180	185	190	
203	gtg gcc att acc atg ctg aca gcc aga ggg att atc cgg ttt gtc att	624		
204	Val Ala Ile Thr Met Leu Thr Ala Arg Gly Ile Ile Arg Phe Val Ile			
205	195	200	205	
207	ggc ttt agc ttg ccg atg tcc att gtt gcc atc tgc tat ggg ctc att	672		
208	Gly Phe Ser Leu Pro Met Ser Ile Val Ala Ile Cys Tyr Gly Leu Ile			
209	210	215	220	
211	gca gcc aag atc cac aaa aag ggc atg att aaa tcc agc cgt ccc tta	720		
212	Ala Ala Lys Ile His Lys Lys Gly Met Ile Lys Ser Ser Arg Pro Leu			
213	225	230	235	240
215	cgg gtc ctc act gct gtg gtg gct tct ttc atc tgt tgg ttt ccc	768		
216	Arg Val Leu Thr Ala Val Val Ala Ser Phe Phe Ile Cys Trp Phe Pro			
217	245	250	255	
219	ttt caa ctg gtt gcc ctt ctg ggc acc gtc tgg ctc aaa gag atg ttg	816		
220	Phe Gln Leu Val Ala Leu Leu Gly Thr Val Trp Leu Lys Glu Met Leu			
221	260	265	270	
223	ttc tat ggc aag tac aaa atc att gac atc ctg gtt aac cca acg agc	864		
224	Phe Tyr Gly Lys Tyr Ile Ile Asp Ile Leu Val Asn Pro Thr Ser			

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,082A

DATE: 08/15/2006

TIME: 13:18:45

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08152006\J534082A.raw

225	275	280	285	
227	tcc ctg gcc ttc ttc aac agc tgc ctc aac ccc atg ctt tac gtc ttt			912
228	Ser Leu Ala Phe Phe Asn Ser Cys Leu Asn Pro Met Leu Tyr Val Phe			
229	290	295	300	
231	gtg ggc caa gac ttc cga gag aga ctg atc cac tcc ctg ccc acc agt			960
232	Val Gly Gln Asp Phe Arg Glu Arg Leu Ile His Ser Leu Pro Thr Ser			
233	305	310	315	320
235	ctg gag agg gcc ctg tct gag gac tca gcc cca act aat gac acg gct			1008
236	Leu Glu Arg Ala Leu Ser Glu Asp Ser Ala Pro Thr Asn Asp Thr Ala			
237	325	330	335	
239	gcc aat tct gct tca cct cct gca gag act gag tta cag gca atg			1053
240	Ala Asn Ser Ala Ser Pro Pro Ala Glu Thr Glu Leu Gln Ala Met			
241	340	345	350	
243	<210> SEQ ID NO: 4			
244	<211> LENGTH: 351			
245	<212> TYPE: PRT			
246	<213> ORGANISM: Rat			
248	<400> SEQUENCE: 4			
249	Met Glu Ala Asn Tyr Ser Ile Pro Leu Asn Val Ser Glu Val Val Val			
250	5	10	15	
251	Tyr Asp Ser Thr Ile Ser Arg Val Leu Trp Ile Leu Thr Met Val Val			
252	20	25	30	
253	Leu Ser Ile Thr Phe Val Leu Gly Val Leu Gly Asn Gly Leu Val Ile			
254	35	40	45	
255	Trp Val Ala Gly Phe Arg Met Val His Thr Val Thr Thr Cys Phe			
256	50	55	60	
257	Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr Val Thr Leu Pro Phe			
258	65	70	75	80
259	Phe Val Ile Ser Ile Ala Met Lys Glu Lys Trp Pro Phe Gly Trp Phe			
260	85	90	95	
261	Leu Cys Lys Leu Val His Ile Val Val Asp Ile Asn Leu Phe Gly Ser			
262	100	105	110	
263	Val Phe Leu Ile Ala Leu Ile Ala Leu Asp Arg Cys Ile Cys Val Leu			
264	115	120	125	
265	His Pro Val Trp Ala Gln Asn His Arg Thr Val Ser Leu Ala Arg Lys			
266	130	135	140	
267	Val Val Val Gly Pro Trp Ile Leu Ala Leu Ile Leu Thr Leu Pro Ile			
268	145	150	155	160
269	Phe Ile Phe Met Thr Thr Val Arg Ile Pro Gly Gly Asn Val Tyr Cys			
270	165	170	175	
271	Thr Phe Asn Phe Ala Ser Trp Gly Asn Thr Ala Glu Glu Leu Leu Asn			
272	180	185	190	
273	Ile Ala Asn Thr Phe Val Thr Val Arg Gly Ser Ile Arg Phe Ile Ile			
274	195	200	205	
275	Gly Phe Ile Met Pro Met Ser Ile Val Ala Ile Cys Tyr Gly Leu Ile			
276	210	215	220	
277	Ala Val Lys Ile His Arg Arg Ala Leu Val Asn Ser Ser Arg Pro Leu			
278	225	230	235	240
279	Arg Val Leu Thr Ala Val Val Ala Ser Phe Phe Ile Cys Trp Phe Pro			

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,082A

DATE: 08/15/2006

TIME: 13:18:45

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08152006\J534082A.raw

280	245	250	255
281	Phe Gln Leu Val Ala Leu Leu Gly Thr Ile Trp Phe Lys Glu Ser Leu		
282	260	265	270
283	Phe Ser Gly Arg Tyr Lys Ile Leu Asp Met Trp Val His Pro Thr Ser		
284	275	280	285
285	Ser Leu Ala Tyr Phe Asn Ser Cys Leu Asn Pro Met Leu Tyr Ala Phe		
286	290	295	300
287	Met Gly Gln Asp Phe His Glu Arg Leu Ile His Ser Leu Pro Ser Ser		
288	305	310	315
289	320	325	330
290	Leu Glu Arg Ala Leu Ser Glu Asp Ser Gly Gln Thr Ser Asp Thr Gly		
291	335	340	345
292	Ile Ser Ser Ala Leu Pro Pro Val Asn Ile Asp Ile Lys Ala Ile		
294	350		
295	<210> SEQ ID NO: 5		
296	<211> LENGTH: 1053		
297	<212> TYPE: DNA		
298	<213> ORGANISM: Rat		
299	<400> SEQUENCE: 5		
300	atggaagcca actattccat ccctctgaat gtatcagaag tggttgtcta tgattctacc	60	
301	atctccagag ttttgtggat cctcacaatg gtgggtctct ccatcacctt tgtcctgggt	120	
302	gtgctggta atggactagt gatctggta gctggattcc ggatggtaca cactgtcacc	180	
303	actacctgtt ttctgaatct agctttggct gacttctctt tcacagtgac tctaccattc	240	
304	tttgtcatct caattgctat gaaagaaaaa tggccctttt gatggttcct gtgtaaatta	300	
305	gttcacattg tagtagacat aaacctctt ggaagtgtct tcctgattgc ttaattgcc	360	
306	ttggaccgct gcatttgtgt cctgcatcca gtctgggctc agaaccacccg cactgtgagc	420	
307	ctggcttagga aggtggttgt tgggccctgg attttagctc tgattctcac tttgcccatt	480	
308	tttattttca tgactacagt tagaattcct ggaggcaatg tgtactgtac attcaacttc	540	
309	gcatcctggg gtaacactgc tgaagaacta ttgaacatag ctaacactt tgtaacagtt	600	
310	agagggagca tcaggttcat tattggcttc ataatgccta tgtccattgt tgccatctgc	660	
311	tatggactca tcgctgtcaa gatccacaga agagcacttg ttaattccag ccgccattta	720	
312	agagtcccta cagcagttgt ggcttccttc tttatctgtt ggttccctt tcaactggtg	780	
313	gcccttttag gtacaatctg gtttaaagag tcattgtta gtggtcgtta caaaattctt	840	
314	gacatgtggg ttcacccaac cagctcatgg gcctacttca atagttgcct caatccaatg	900	
315	ctctatgctt tcatgggcca ggactttcat gaaagactga ttcattccct gccttccagt	960	
316	ctggagagag ccctgagtga ggactctggc caaaccagtg atacaggcat cagttctgct	1020	
317	ttacctcctg taaaacattga tataaaagca ata	1053	
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320	<211> LENGTH: 351		
321	<212> TYPE: PRT		
322	<213> ORGANISM: Mouse		
324	<400> SEQUENCE: 6		
325	Met Glu Ser Asn Tyr Ser Ile His Leu Asn Gly Ser Glu Val Val Val		
326	5 10 15		
327	Tyr Asp Ser Thr Ile Ser Arg Val Leu Trp Ile Leu Ser Met Val Val		
328	20 25 30		
329	Val Ser Ile Thr Phe Phe Leu Gly Val Leu Gly Asn Gly Leu Val Ile		
330	35 40 45		
331	Trp Val Ala Gly Phe Arg Met Pro His Thr Val Thr Thr Ile Trp Tyr		
332	50 55 60		

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/534,082A

DATE: 08/15/2006

TIME: 13:18:46

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08152006\J534082A.raw

## **Raw Sequence Listing before editing (for reference only)**



PCT

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION:** US/10/534,082A

**DATE:** 08/10/2006  
**TIME:** 09:39:35

**Input Set :** A:\3118 us0p seq.txt  
**Output Set:** N:\CRF4\08102006\J534082A.raw

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3 <110> APPLICANT: HINUMA, Shuji
4      KOBAYASHI, Makoto
5      HABATA, Yugo
6      HARADA, Masataka
7      OKUBO, Shoichi
8      YOSHIDA, Hiromi
9      NISHI, Kazunori
12 <120> TITLE OF INVENTION: A Novel Ligand For FPRL1 And Its Use
14 <130> FILE REFERENCE: 3118 USOP
16 <140> CURRENT APPLICATION NUMBER: US/10/534,082A
17 <141> CURRENT FILING DATE: 2005-05-05
19 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/014138
20 <151> PRIOR FILING DATE: 2003-11-06
22 <150> PRIOR APPLICATION NUMBER: JP 2002-324189
23 <151> PRIOR FILING DATE: 2002-11-07
25 <150> PRIOR APPLICATION NUMBER: JP 2002-367119
26 <151> PRIOR FILING DATE: 2002-12-18
28 <150> PRIOR APPLICATION NUMBER: JP 2003-59073
29 <151> PRIOR FILING DATE: 2003-03-05
31 <150> PRIOR APPLICATION NUMBER: JP 2003-191359
32 <151> PRIOR FILING DATE: 2003-07-03
34 <150> PRIOR APPLICATION NUMBER: PCT/JP03/14138
35 <151> PRIOR FILING DATE: 2003-11-06
37 <160> NUMBER OF SEQ ID NOS: 24

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*Does Not Comply  
Corrected Diskette Needed*

**ERRORED SEQUENCES**

143 <210> SEQ ID NO: 3		
144 <211> LENGTH: 1053		
145 <212> TYPE: DNA		
146 <213> ORGANISM: Homo sapiens		
149 <220> FEATURE:		
150 <221> NAME/KEY: CDS		
151 <222> LOCATION: (1)..(1053)		
E--> 154 <400> SEQUENCE: 13<		
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156 Met Glu Thr Asn Phe Ser Thr Pro Leu Asn Glu Tyr Glu Val Ser		
157 1 5 10 15		
159 tat gag tct gct ggc tac act gtt ctg cgg atc ctc cca ttg gtg gtg		96
160 Tyr Glu Ser Ala Gly Tyr Thr Val Leu Arg Ile Leu Pro Leu Val Val		
161 20 25 30		
163 ctt ggg gtc acc ttt gtc ctc ggg gtc ctg ggc aat ggg ctt gtg atc		144

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,082A

DATE: 08/10/2006

TIME: 09:39:35

Input Set : A:\3118 us0p seq.txt

Output Set: N:\CRF4\08102006\J534082A.raw

164	Leu	Gly	Val	Thr	Phe	Val	Leu	Gly	Val	Leu	Gly	Asn	Gly	Leu	Val	Ile	
165		35				40				45							
167	tgg	gtg	gct	gga	ttc	cg	atg	aca	cgc	aca	gtc	acc	acc	atc	tgt	tac	192
168	Trp	Val	Ala	Gly	Phe	Arg	Met	Thr	Arg	Thr	Val	Thr	Thr	Ile	Cys	Tyr	
169		50					55				60						
171	ctg	aac	ctg	gcc	ctg	gct	gac	ttt	tct	ttc	acg	gcc	aca	tta	cca	ttc	240
172	Leu	Asn	Leu	Ala	Leu	Ala	Asp	Phe	Ser	Phe	Thr	Ala	Thr	Leu	Pro	Phe	
173	65				70					75				80			
175	ctc	att	gtc	tcc	atg	gcc	atg	gga	gaa	aaa	tgg	cct	ttt	ggc	tgg	ttc	288
176	Leu	Ile	Val	Ser	Met	Ala	Met	Gly	Glu	Lys	Trp	Pro	Phe	Gly	Trp	Phe	
177					85				90				95				
179	ctg	tgt	aag	tta	att	cac	atc	gtg	gtg	gac	atc	aac	ctc	ttt	gga	agt	336
180	Leu	Cys	Lys	Leu	Ile	His	Ile	Val	Val	Asp	Ile	Asn	Leu	Phe	Gly	Ser	
181		100				105					110						
183	gtc	tcc	ttg	att	ggt	ttc	att	gca	ctg	gac	cgc	tgc	att	tgt	gtc	ctg	384
184	Val	Phe	Leu	Ile	Gly	Phe	Ile	Ala	Leu	Asp	Arg	Cys	Ile	Cys	Val	Leu	
185		115				120				125							
187	cat	cca	gtc	tgg	gcc	cag	aac	cac	cgc	act	gtg	agt	ctg	gcc	atg	aag	432
188	His	Pro	Val	Trp	Ala	Gln	Asn	His	Arg	Thr	Val	Ser	Leu	Ala	Met	Lys	
189		130				135				140							
191	gtg	atc	gtc	gga	cct	tgg	att	ctt	gct	cta	gtc	ctt	acc	ttg	cca	gtt	480
192	Val	Ile	Val	Gly	Pro	Trp	Ile	Leu	Ala	Leu	Val	Leu	Thr	Leu	Pro	Val	
193	145				150				155				160				
195	tcc	ctc	ttt	ttg	act	aca	gt	act	att	cca	aat	ggg	gac	aca	tac	tgt	528
196	Phe	Leu	Phe	Leu	Thr	Thr	Val	Thr	Ile	Pro	Asn	Gly	Asp	Thr	Tyr	Cys	
197					165				170				175				
199	act	tcc	aac	ttt	gca	tcc	tgg	ggt	ggc	acc	cct	gag	gag	agg	ctg	aag	576
200	Thr	Phe	Asn	Phe	Ala	Ser	Trp	Gly	Gly	Thr	Pro	Glu	Glu	Arg	Leu	Lys	
201		180				185				190							
203	gtg	gcc	att	acc	atg	ctg	aca	gcc	aga	ggg	att	atc	cg	ttt	gtc	att	624
204	Val	Ala	Ile	Thr	Met	Leu	Thr	Ala	Arg	Gly	Ile	Ile	Arg	Phe	Val	Ile	
205		195				200				205							
207	ggc	ttt	agc	ttg	ccg	atg	tcc	att	gtt	gcc	atc	tgc	tat	ggg	ctc	att	672
208	Gly	Phe	Ser	Leu	Pro	Met	Ser	Ile	Val	Ala	Ile	Cys	Tyr	Gly	Leu	Ile	
209		210				215				220							
211	gca	gcc	aag	atc	cac	aaa	aag	ggc	atg	att	aaa	tcc	agc	cgt	ccc	tta	720
212	Ala	Ala	Lys	Ile	His	Lys	Lys	Gly	Met	Ile	Lys	Ser	Ser	Arg	Pro	Leu	
213	225				230				235				240				
215	cgg	gtc	ctc	act	gt	gt	gt	gct	tct	ttc	atc	tgt	tgg	ttt	ccc		768
216	Arg	Val	Leu	Thr	Ala	Val	Val	Ala	Ser	Phe	Phe	Ile	Cys	Trp	Phe	Pro	
217		245				250				255							
219	ttt	caa	ctg	gtt	gcc	ctt	ctg	ggc	acc	gtc	tgg	ctc	aaa	gag	atg	ttt	816
220	Phe	Gln	Leu	Val	Ala	Leu	Leu	Gly	Thr	Val	Trp	Leu	Lys	Glu	Met	Leu	
221		260				265				270							
223	tcc	tat	ggc	aag	tac	aaa	atc	att	gac	atc	ctg	gtt	aac	cca	acg	acg	864
224	Phe	Tyr	Gly	Lys	Tyr	Lys	Ile	Ile	Asp	Ile	Leu	Val	Asn	Pro	Thr	Ser	
225		275				280				285							
227	tcc	ctg	gcc	ttc	ttc	aac	agc	tgc	ctc	aac	ccc	atg	ctt	tac	gtc	ttt	912
228	Ser	Leu	Ala	Phe	Phe	Asn	Ser	Cys	Leu	Asn	Pro	Met	Leu	Tyr	Val	Phe	

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/534,082A

DATE: 08/10/2006  
TIME: 09:39:35

Input Set : A:\3118\_us0p\_seq.txt  
Output Set: N:\CRF4\08102006\J534082A.raw

229	290	295	300	
231	gtg ggc caa gac ttc cga gag aga ctg atc cac tcc ctg ccc acc agt			960
232	Val Gly Gln Asp Phe Arg Glu Arg Leu Ile His Ser Leu Pro Thr Ser			
233	305	310	315	320
235	ctg gag agg gcc ctg tct gag gac tca gcc cca act aat gac acg gct			1008
236	Leu Glu Arg Ala Leu Ser Glu Asp Ser Ala Pro Thr Asn Asp Thr Ala			
237	325	330	335	
239	gcc aat tct gct tca cct cct gca gag act gag tta cag gca atg			1053
240	Ala Asn Ser Ala Ser Pro Pro Ala Glu Thr Glu Leu Gln Ala Met			
241	340	345	350	

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/534,082A

DATE: 08/10/2006

TIME: 09:39:36

Input Set : A:\3118\_us0p\_seq.txt

Output Set: N:\CRF4\08102006\J534082A.raw

L:154 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:3 differs:1